

Refugee Management Project



Name: Josie Libby
Teaching content area(s): 7th/8th
Science
School: A-P Middle School
Extern host site: Parkersburg DNR

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| <p><u>Part I: Overview of Business</u></p> <p>Parkersburg DNR manages wildlife in the Big Marsh Area. They carry out local, state, and federal laws to ensure that air, land, and water quality are maintained while providing a refuge for wildlife. They are also involved in land leases with local farmers and groups that enjoy hunting on the land during certain seasons.</p> | <p><u>Part II: Job Specifics</u></p> <p>The technicians at Big Marsh DNR are responsible for designing environments on acquired land that supports local wildlife. Tasks may include: obtaining and planting seed, basic knowledge of chemicals for fertilizers/herbicides, growth and maintenance one plants are established, and population monitoring to track success.</p> |
| <p><u>Part III: Introduce the Problem</u></p> <p>The Iowa DNR-Big Marsh has obtained land from a farmer in the area. The farmer has had difficulty making a profit on the land. A non-profit representing wood turtles, doves, wood ducks, peasants, geese, wild turkeys, or deer will provide funding for you to create an ideal living conditions for your selected animal. Remember to keep in mind costs, time constraints and management needs when selecting plant species.</p> | <p><u>Part IV: Background</u></p> <ul style="list-style-type: none">● Growth requirements of plants (MS-LS1-4)● Facts about species requirements for population success (MS-LS1-5)● Basic knowledge of ecosystem interdependence (MS-LS2-4 & MS-LS2-1)● Information that would be provided: plant list with basic care information and price |
| <p><u>Part V: Business Solution</u></p> <p>•I have obtained images of each location designed at the marsh. Many of the areas are designed for more than one specific species.</p> | <p><u>Part VI: Student Solutions</u></p> <p>•Students should be able to come up with a list of Iowa Native plants that are ideal for their animal. I think I will need to encourage them to remember the importance of having a diversity of plants while also keeping maintenance as low as possible.</p> |